STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/540,167
Source: IFWP
Date Processed by STIC: 8/9/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO **REDUCE** ERRORED SEQUENCE LISTINGS, **PLEASE** USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<**http://www.uspto.gov/ebc/efs/downloads/documents.htm**> , **EFS Submission User Manual** - ePAVE)
2. **U.S. Postal Service:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. **Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):** U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: 10/540,167

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1____	Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor **after** creating it. Please adjust your right margin to .3; this will prevent "wrapping."
2____	Invalid Line Length	The rules require that a line **not exceed** 72 characters in length. This includes white spaces.
3____	Misaligned Amino Numbering	The numbering under each 5th amino acid is misaligned. Do **not** use tab codes between numbers; use **space characters**, instead.
4____	Non-ASCII	The submitted file was **not** saved in ASCII(DOS) text, as **required** by the Sequence Rules. **Please ensure your subsequent submission is saved in ASCII text.**
5____	Variable Length	Sequence(s)____contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the **maximum** number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
6____	PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**
7____	Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for **each** skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to **include** the skipped sequences.
8____	Skipped Sequences (NEW RULES)	Sequence(s) _____ missing. If **intentional**, please insert the following lines for **each** skipped sequence. <210> sequence id number <400> sequence id number 000
9____	Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of **n** or **Xaa**, and which residue **n** or **Xaa** represents.
10____	Invalid <213> Response	Per 1.823 of Sequence Rules, the only **valid** <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or is Artificial Sequence. (see item 11 below)
11____	Use of <220>	~~Sequence(s) ____ missing the <220> "Feature" and associated numeric identifiers and responses.~~ Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section or use "chemically synthesized" as explanation. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32), also Sec. 1.823 of Sequence Rules
12____	PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
13____	Misuse of n/Xaa	"n" can **only** represent a single nucleotide; "Xaa" can **only** represent a single amino acid

IFWP

RAW SEQUENCE LISTING DATE: 08/09/2006
PATENT APPLICATION: **US/10/540,167** TIME: 09:48:37

Input Set : **A:\Sequence Listing of 10_540_167.txt**
Output Set: **N:\CRF4\08092006\J540167.raw**

```
  3 <110> APPLICANT: BOUWSTRA, Jan Bastiaan
  4       VAN ES, Andries Johannes Jozef
  5       TODA, Yuzo
  7 <120> TITLE OF INVENTION: Process for coating cell-culture support
 10 <130> FILE REFERENCE: BOUWSTRA-5
 12 <140> CURRENT APPLICATION NUMBER: US 10/540,167
C--> 13 <141> CURRENT FILING DATE: 2005-06-17
 15 <150> PRIOR APPLICATION NUMBER: PCT/NL03/00922
 16 <151> PRIOR FILING DATE: 2003-12-23
 18 <150> PRIOR APPLICATION NUMBER: EP 02080539.6
 19 <151> PRIOR FILING DATE: 2002-12-23
 22 <160> NUMBER OF SEQ ID NOS: 1
 24 <170> SOFTWARE: PatentIn version 3.1
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 617
 28 <212> TYPE: PRT
 29 <213> ORGANISM: Artificial sequence
 31 <220> FEATURE:
 32 <223> OTHER INFORMATION: Hu-3
 34 <400> SEQUENCE: 1
 36 Gly Pro Pro Gly Glu Pro Gly Pro Thr Gly Leu Pro Gly Pro Pro Gly
 37 1               5                  10                  15
 40 Glu Arg Gly Gly Pro Gly Ser Arg Gly Phe Pro Gly Ala Asp Gly Val
 41             20                  25                  30
 44 Ala Gly Pro Lys Gly Pro Ala Gly Glu Arg Gly Ser Pro Gly Pro Ala
 45         35                  40                  45
 48 Gly Pro Lys Gly Ser Pro Gly Glu Ala Gly Arg Pro Gly Glu Ala Gly
 49     50                  55                  60
 52 Leu Pro Gly Ala Lys Gly Leu Thr Gly Ser Pro Gly Ser Pro Gly Pro
 53 65                  70                  75                  80
 56 Asp Gly Lys Thr Gly Pro Pro Gly Pro Ala Gly Gln Asp Gly Arg Pro
 57                 85                  90                  95
 60 Gly Pro Pro Gly Pro Pro Gly Ala Arg Gly Gln Ala Gly Val Met Gly
 61             100                 105                 110
 64 Phe Pro Gly Pro Lys Gly Ala Ala Gly Glu Pro Gly Lys Ala Gly Glu
 65         115                 120                 125
 68 Arg Gly Val Pro Gly Pro Pro Gly Ala Val Gly Pro Ala Gly Lys Asp
 69     130                 135                 140
 72 Gly Glu Ala Gly Ala Gln Gly Pro Pro Gly Pro Ala Gly Pro Ala Gly
 73 145                 150                 155                 160
 76 Glu Arg Gly Glu Gln Gly Pro Ala Gly Ser Pro Gly Phe Gln Gly Leu
 77                 165                 170                 175
 80 Pro Gly Pro Ala Gly Pro Pro Gly Glu Ala Gly Lys Pro Gly Glu Gln
```

Does Not Comply
Corrected Diskette Needed

insufficient explanation - give source of genetic material (see item 11 on Error Summary Sheet)

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```
81              180                 185                 190
84 Gly Val Pro Gly Asp Leu Gly Ala Pro Gly Pro Ser Gly Pro Ala Gly
85          195                 200                 205
88 Glu Pro Gly Pro Thr Gly Leu Pro Gly Pro Pro Gly Glu Arg Gly Gly
89      210                 215                 220
92 Pro Gly Ser Arg Gly Phe Pro Gly Ala Asp Gly Val Ala Gly Pro Lys
93 225                 230                 235                 240
96 Gly Pro Ala Gly Glu Arg Gly Ser Pro Gly Pro Ala Gly Pro Lys Gly
97                  245                 250                 255
100 Ser Pro Gly Glu Ala Gly Arg Pro Gly Glu Ala Gly Leu Pro Gly Ala
101             260                 265                 270
104 Lys Gly Leu Thr Gly Ser Pro Gly Ser Pro Gly Pro Asp Gly Lys Thr
105         275                 280                 285
108 Gly Pro Pro Gly Pro Ala Gly Gln Asp Gly Arg Pro Gly Pro Pro Gly
109     290                 295                 300
112 Pro Pro Gly Ala Arg Gly Gln Ala Gly Val Met Gly Phe Pro Gly Pro
113 305                 310                 315                 320
116 Lys Gly Ala Ala Gly Glu Pro Gly Lys Ala Gly Glu Arg Gly Val Pro
117                 325                 330                 335
120 Gly Pro Pro Gly Ala Val Gly Pro Ala Gly Lys Asp Gly Glu Ala Gly
121             340                 345                 350
124 Ala Gln Gly Pro Pro Gly Pro Ala Gly Pro Ala Gly Glu Arg Gly Glu
125         355                 360                 365
128 Gln Gly Pro Ala Gly Ser Pro Gly Phe Gln Gly Leu Pro Gly Pro Ala
129     370                 375                 380
132 Gly Pro Pro Gly Glu Ala Gly Lys Pro Gly Glu Gln Gly Val Pro Gly
133 385                 390                 395                 400
136 Asp Leu Gly Ala Pro Gly Pro Ser Gly Pro Ala Gly Glu Pro Gly Pro
137                 405                 410                 415
140 Thr Gly Leu Pro Gly Pro Pro Gly Glu Arg Gly Gly Pro Gly Ser Arg
141             420                 425                 430
144 Gly Phe Pro Gly Ala Asp Gly Val Ala Gly Pro Lys Gly Pro Ala Gly
145         435                 440                 445
148 Glu Arg Gly Ser Pro Gly Pro Ala Gly Pro Lys Gly Ser Pro Gly Glu
149     450                 455                 460
152 Ala Gly Arg Pro Gly Glu Ala Gly Leu Pro Gly Ala Lys Gly Leu Thr
153 465                 470                 475                 480
156 Gly Ser Pro Gly Ser Pro Gly Pro Asp Gly Lys Thr Gly Pro Pro Gly
157                 485                 490                 495
160 Pro Ala Gly Gln Asp Gly Arg Pro Gly Pro Pro Gly Pro Pro Gly Ala
161             500                 505                 510
164 Arg Gly Gln Ala Gly Val Met Gly Phe Pro Gly Pro Lys Gly Ala Ala
165         515                 520                 525
168 Gly Glu Pro Gly Lys Ala Gly Glu Arg Gly Val Pro Gly Pro Pro Gly
169     530                 535                 540
172 Ala Val Gly Pro Ala Gly Lys Asp Gly Glu Ala Gly Ala Gln Gly Pro
173 545                 550                 555                 560
176 Pro Gly Pro Ala Gly Pro Ala Gly Glu Arg Gly Glu Gln Gly Pro Ala
177                 565                 570                 575
```

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```
180 Gly Ser Pro Gly Phe Gln Gly Leu Pro Gly Pro Ala Gly Pro Pro Gly
181             580                 585                 590
184 Glu Ala Gly Lys Pro Gly Glu Gln Gly Val Pro Gly Asp Leu Gly Ala
185         595                 600                 605
188 Pro Gly Pro Ser Gly Pro Ala Gly Gly
189     610                 615
```

VERIFICATION SUMMARY DATE: 08/09/2006
PATENT APPLICATION: **US/10/540,167** TIME: 09:48:38

Input Set : **A:\Sequence Listing of 10_540_167.txt**
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L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date